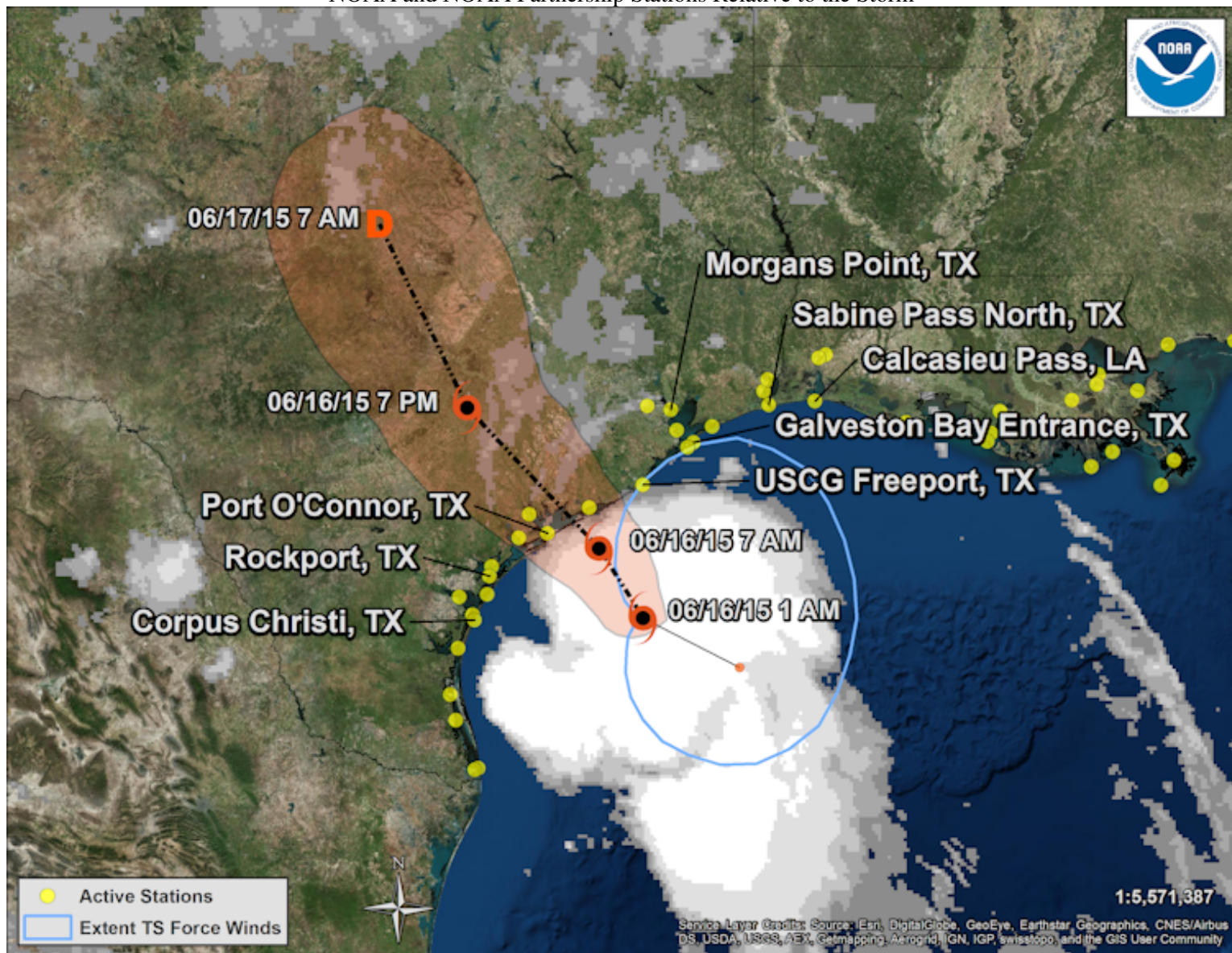




Tropical Storm BILL QuickLook
Posted: 05:00 CDT 06/16/2015

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/16/2015 05:00 CDT, water levels from southern Texas to western Louisiana are elevated and range between 1.0 and 3.0 feet above tidal predictions. Winds are increasing from Freeport, TX to Calcasieu Pass, LA and range between 15 and 25 knots with higher gusts. Barometric pressure is slowly falling across the region.

Tropical Storm BILL QuickLook, POSTED 05:00 CDT 06/16/2015

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM BILL ADVISORY NUMBER 2

NWS NATIONAL HURRICANE CENTER MIAMI FL

400 AM CDT TUE JUN 16 2015

...TROPICAL STORM BILL APPROACHING THE TEXAS COAST...

...EXPECTED TO BRING HEAVY RAINS TO PORTIONS OF TEXAS...

WATCHES AND WARNINGS

A Tropical Storm Warning is in effect for...

* Baffin Bay to High Island Texas

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 400 AM CDT (0900 UTC), the center of Tropical Storm Bill was located ABOUT 55 MI...90 KM SE OF PORT OCONNOR TEXAS and ABOUT 110 MI...180 KM SSW OF GALVESTON TEXAS. Bill is moving toward the northwest near 13 mph (20 km/h) and this general motion is expected to continue today. On the forecast track, the center of Bill is expected to make landfall in the warning area along the Texas coast later this morning and move inland over south-central Texas this afternoon and tonight.

Maximum sustained winds remain near 50 mph (85 km/h) with higher gusts. Little change in strength is likely before landfall. Weakening is forecast after the center moves inland later today, and Bill is expected to weaken to a tropical depression tonight.

Tropical storm force winds extend outward up to 150 miles (240 km) from the center.

Tropical Storm BILL QuickLook, POSTED 05:00 CDT 06/16/2015

The estimated minimum central pressure is 1004 mb (29.65 inches).

HAZARDS AFFECTING LAND

RAINFALL: Bill is expected to produce total rain accumulations of 4 to 8 inches over eastern Texas and eastern Oklahoma and 2 to 4 inches over western Arkansas and southern Missouri, with possible isolated maximum amounts of 12 inches in eastern Texas.

WIND: Tropical storm conditions are expected to reach the coast within the warning area in a few hours.

STORM SURGE: The combination of a storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters. The water could reach the following heights above ground if the peak surge occurs at the time of high tide...

Upper Texas coast...2 to 4 feet

Western Louisiana coast...1 to 2 feet

The deepest water will occur along the immediate coast near and to the right of the landfall location. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

TORNADOES: A few tornadoes will be possible across portions of eastern Texas and far western Louisiana today and tonight.

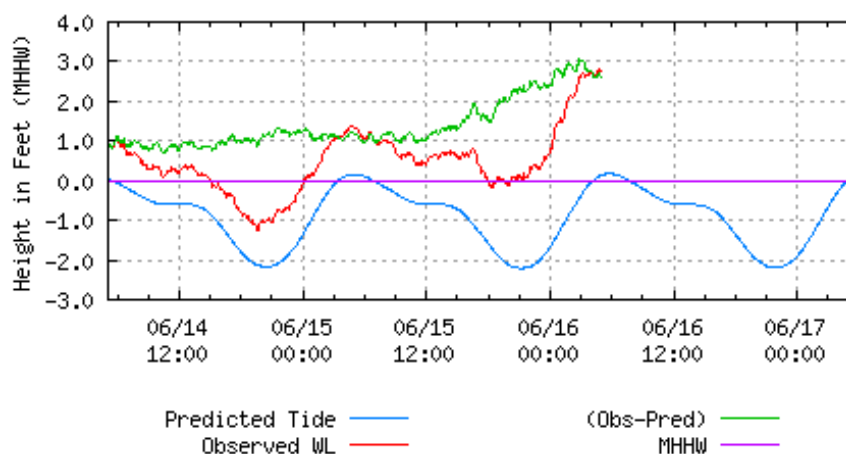
Forecaster Pasch

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [Galveston Pier 21 - Water Level](#), [Galveston Pier 21 - Barometric](#), [Morgans Point - Water Level](#), [Morgans Point - Winds](#), [Morgans Point - Barometric](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Winds](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Port O'Connor \(TCOON\) - Water Level](#), [Port O'Connor \(TCOON\) - Winds](#), [Rockport - Water Level](#), [Rockport - Winds](#), [Rockport - Barometric](#), [Bob Hall Pier, Corpus Christi - Water Level](#), [Bob Hall Pier, Corpus Christi - Winds](#), [Bob Hall Pier, Corpus Christi - Barometric](#)

Tropical Storm BILL QuickLook, POSTED 05:00 CDT 06/16/2015

NOAA/NOS/CO-OPS 8772447 USCG Freeport, TX
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



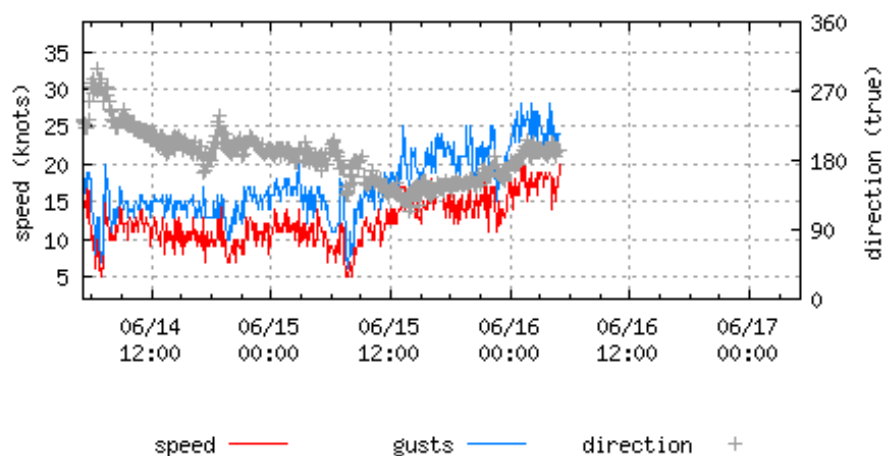
Last Observed Sample: 06/16/2015 04:54 (CDT). Data relative to MHHW

Observed: 2.74 ft. Predicted: 0.13 ft. Residual: 2.61 ft.

Historical Maximum Water Level: Sep 12 2008, 5.58 ft.

Next High Tide: 06/16/2015 05:46 (CDT), 0.17 ft.

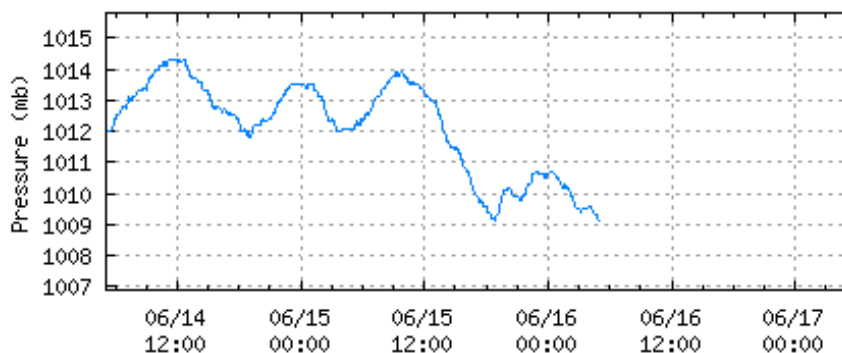
NOAA/NOS/CO-OPS 8772447 USCG Freeport, TX
Wind Speed / Gusts / Direction



Last Observed Sample: 06/16/2015 04:54 (CDT)

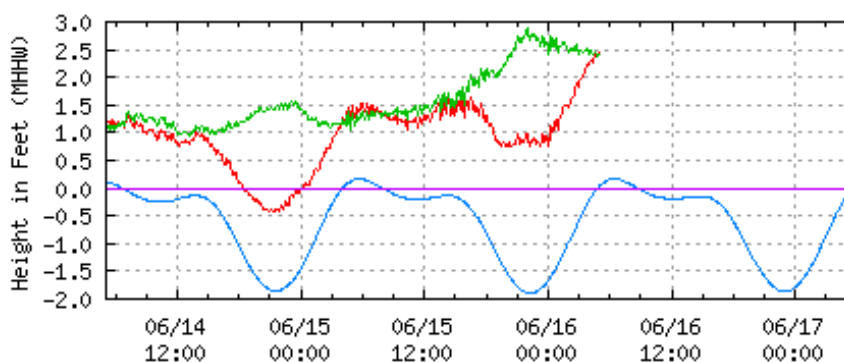
Wind Speed: 20 knots Gusts: 24 knots Direction: 193° T

NOAA/NOS/CO-OPS 8772447 USCG Freeport, TX
Barometric Pressure



barometric pressure —
Last Observed Sample: 06/16/2015 04:54 (CDT)
Barometric Pressure: 1009.1 mb

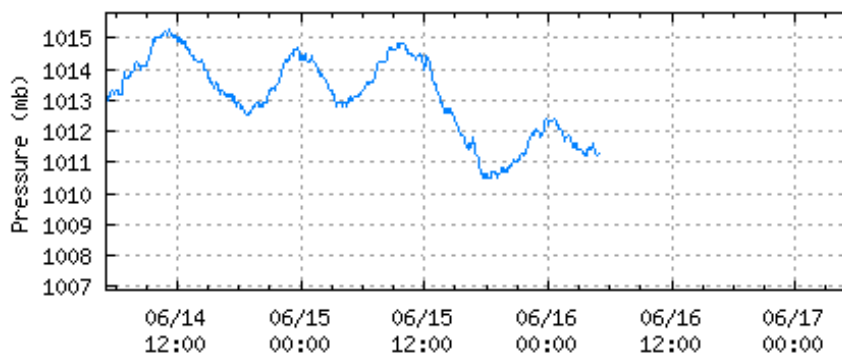
NOAA/NOS/CO-OPS 8771450 Galveston Pier 21, TX
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 06/16/2015 04:54 (CDT). Data relative to MHHW
Observed: 2.44 ft. Predicted: 0.02 ft. Residual: 2.42 ft.
Historical Maximum Water Level: Sep 8 1900, 12.11 ft.
Next High Tide: 06/16/2015 06:27 (CDT), 0.16 ft.

NOAA/NOS/CO-OPS 8771450 Galveston Pier 21, TX

Barometric Pressure



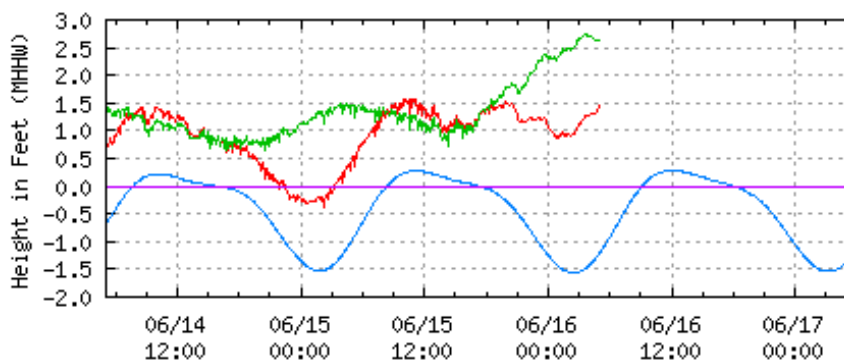
barometric pressure —

Last Observed Sample: 06/16/2015 04:54 (CDT)

Barometric Pressure: 1011.3 mb

NOAA/NOS/CO-OPS 8770613 Morgans Point, TX

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide —

Observed WL —

(Obs-Pred) —

MHHW —

Last Observed Sample: 06/16/2015 05:00 (CDT). Data relative to MHHW

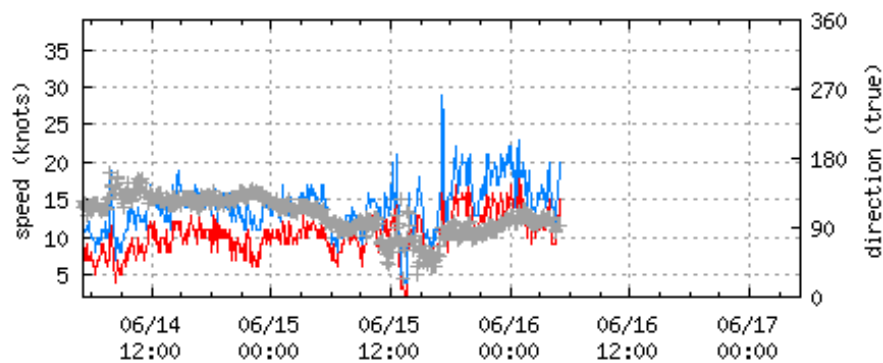
Observed: 1.44 ft. Predicted: -1.21 ft. Residual: 2.65 ft.

Historical Maximum Water Level: Sep 12 2008, 5.22 ft.

Next High Tide: 06/16/2015 12:03 (CDT), 0.29 ft.

NOAA/NOS/CO-OPS 8770613 Morgans Point, TX

Wind Speed / Gusts / Direction



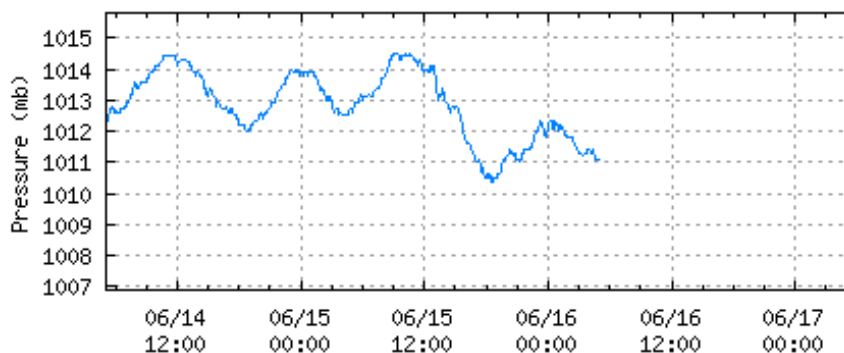
speed — gusts — direction +

Last Observed Sample: 06/16/2015 05:00 (CDT)

Wind Speed: 12 knots Gusts: 18 knots Direction: 93° T

NOAA/NOS/CO-OPS 8770613 Morgans Point, TX

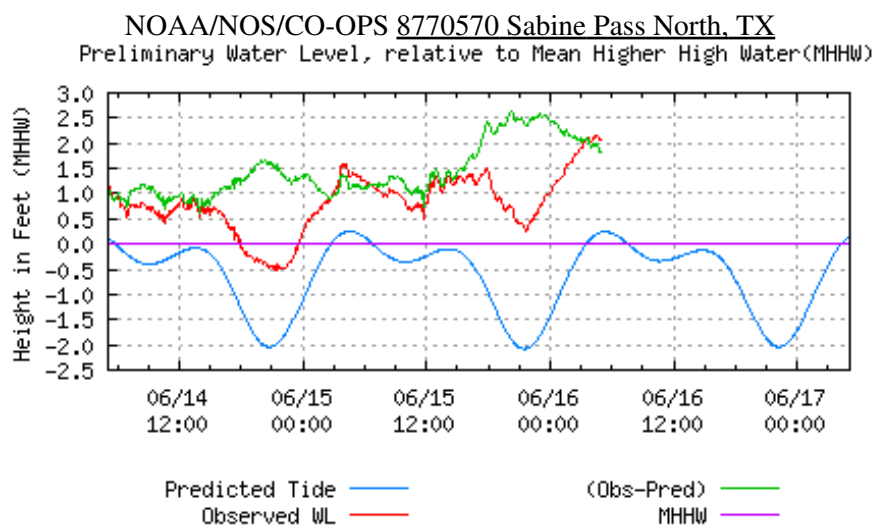
Barometric Pressure



barometric pressure —

Last Observed Sample: 06/16/2015 05:00 (CDT)

Barometric Pressure: 1011.1 mb

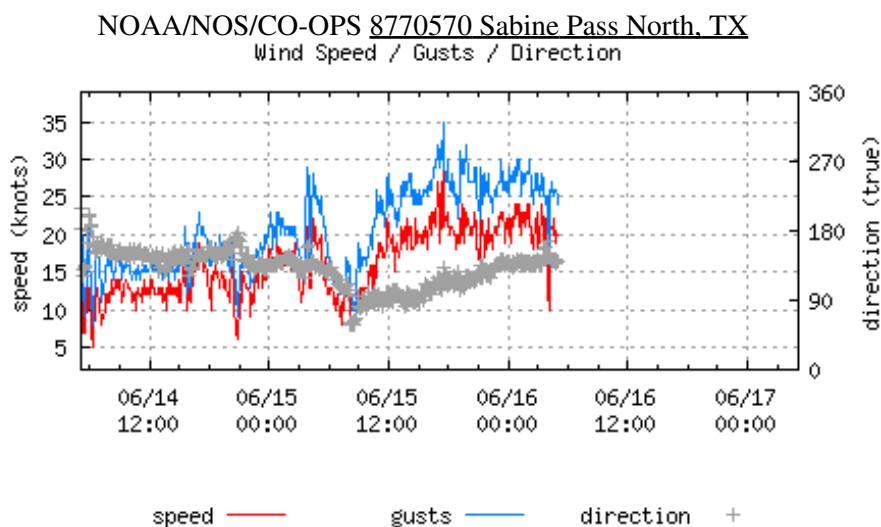


Last Observed Sample: 06/16/2015 05:00 (CDT). Data relative to MHHW

Observed: 2.06 ft. Predicted: 0.24 ft. Residual: 1.82 ft.

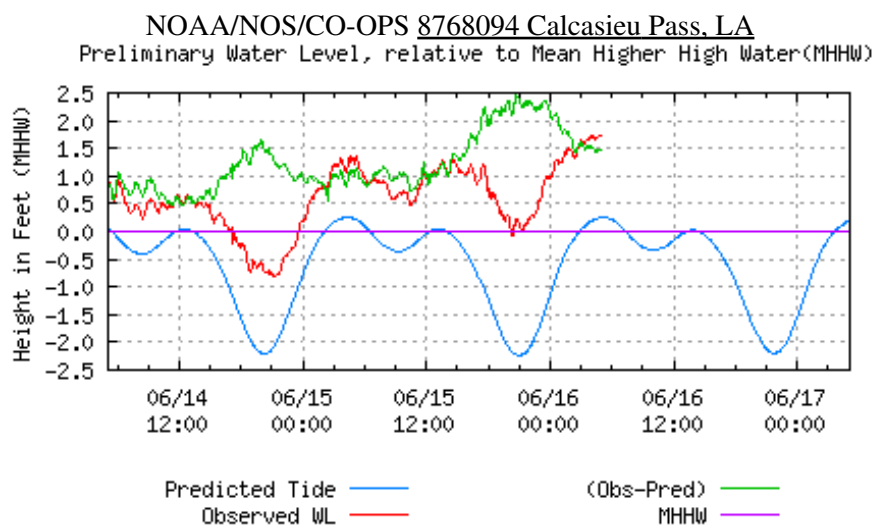
Historical Maximum Water Level: Sep 13 2008, 12.71 ft.

Next High Tide: 06/16/2015 05:20 (CDT), 0.25 ft.



Last Observed Sample: 06/16/2015 05:00 (CDT)

Wind Speed: 20 knots Gusts: 24 knots Direction: 141° T

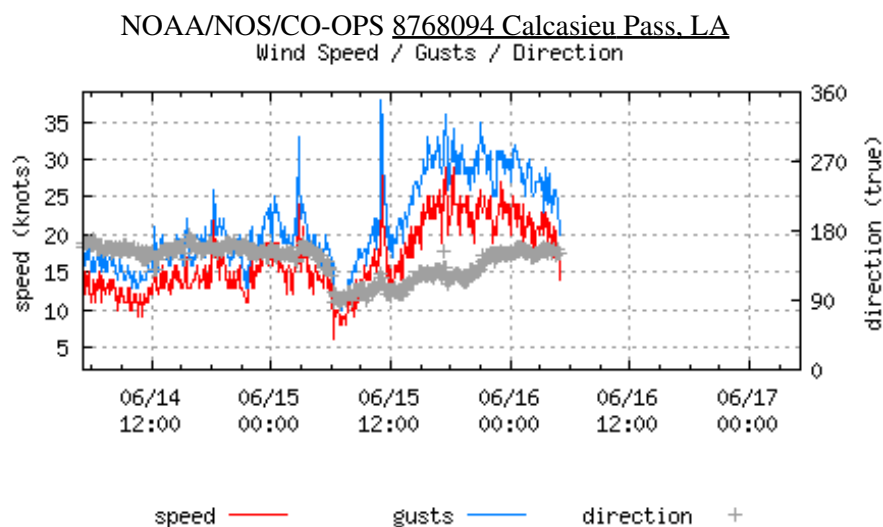


Last Observed Sample: 06/16/2015 05:00 (CDT). Data relative to MHHW

Observed: 1.73 ft. Predicted: 0.26 ft. Residual: 1.47 ft.

Historical Maximum Water Level: Sep 13 2008, 9.96 ft.

Next High Tide: 06/16/2015 05:09 (CDT), 0.26 ft.

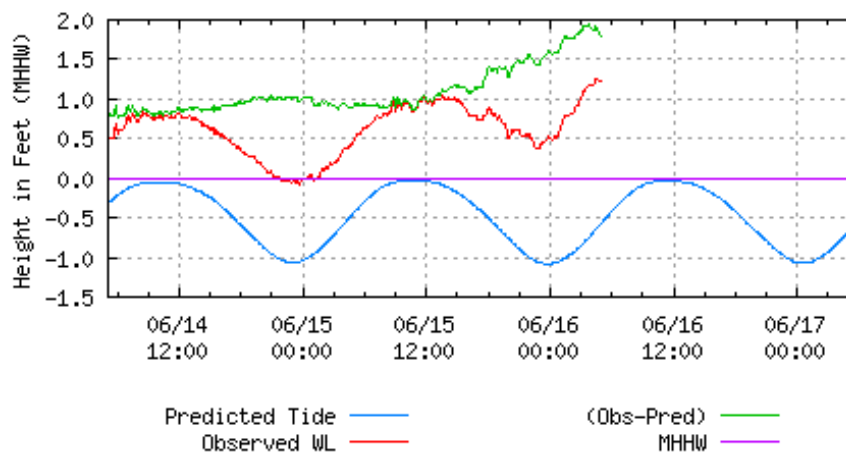


Last Observed Sample: 06/16/2015 05:00 (CDT)

Wind Speed: 18 knots Gusts: 21 knots Direction: 151° T

NOAA/NOS/CO-OPS 8773701 Port O'Connor (TCOON), TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/16/2015 04:54 (CDT). Data relative to MHHW

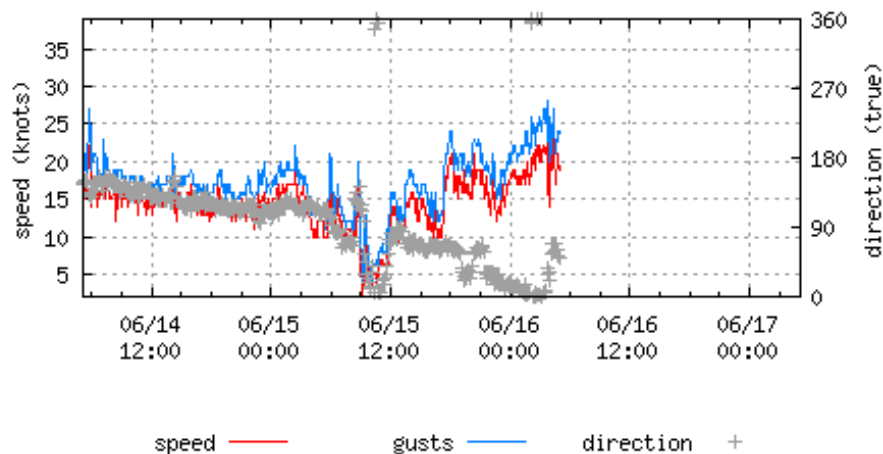
Observed: 1.23 ft. Predicted: -0.57 ft. Residual: 1.80 ft.

Historical Maximum Water Level: n/a

Next High Tide: 06/16/2015 11:22 (CDT), -0.03 ft.

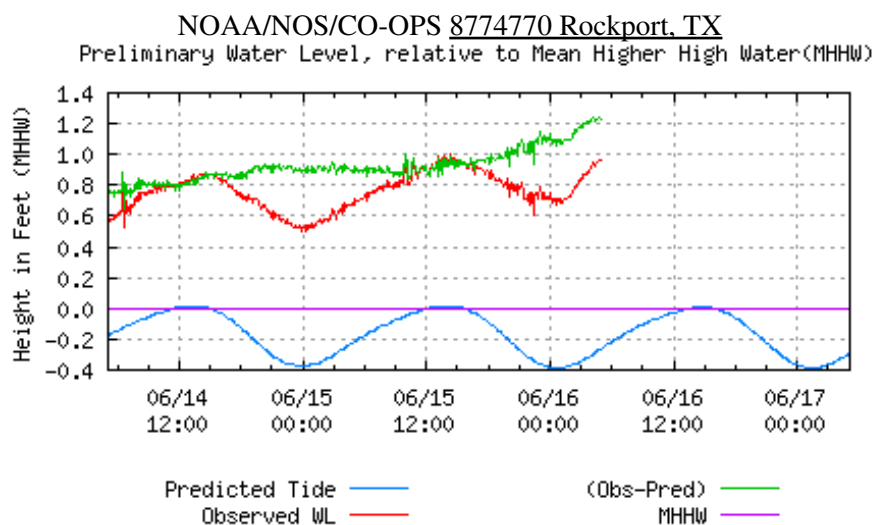
NOAA/NOS/CO-OPS 8773701 Port O'Connor (TCOON), TX

Wind Speed / Gusts / Direction



Last Observed Sample: 06/16/2015 04:54 (CDT)

Wind Speed: 19 knots Gusts: 24 knots Direction: 51° T

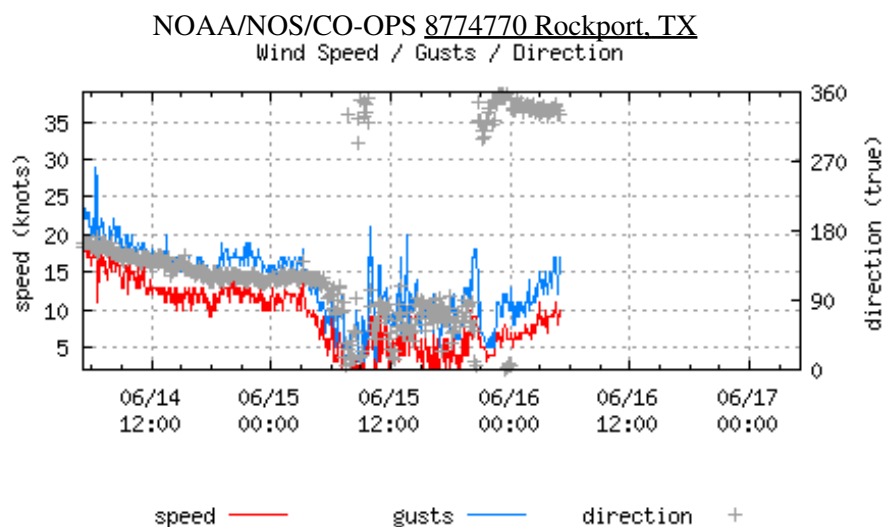


Last Observed Sample: 06/16/2015 04:54 (CDT). Data relative to MHHW

Observed: 0.97 ft. Predicted: -0.26 ft. Residual: 1.23 ft.

Historical Maximum Water Level: Aug 10 1980, 3.73 ft.

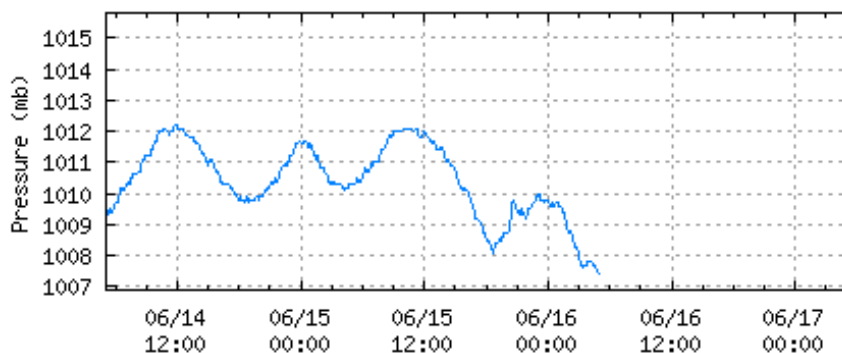
Next High Tide: 06/16/2015 14:47 (CDT), 0.01 ft.



Last Observed Sample: 06/16/2015 04:54 (CDT)

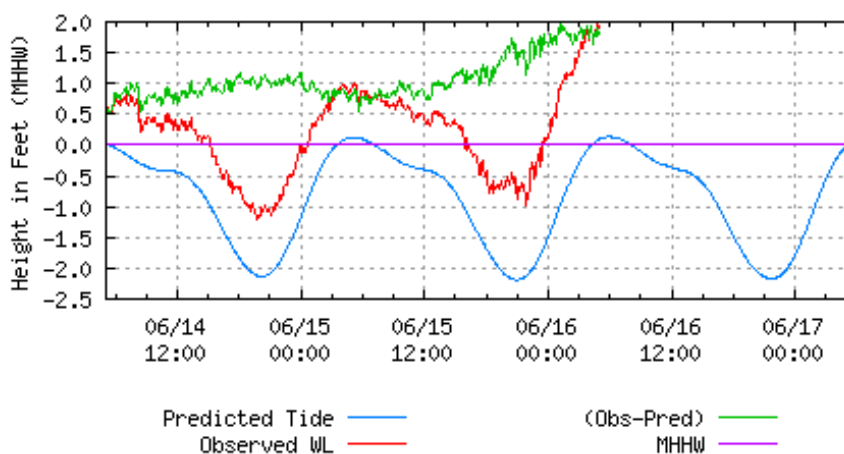
Wind Speed: 10 knots Gusts: 17 knots Direction: 330° T

NOAA/NOS/CO-OPS 8774770 Rockport, TX
Barometric Pressure



barometric pressure —
Last Observed Sample: 06/16/2015 04:54 (CDT)
Barometric Pressure: 1007.4 mb

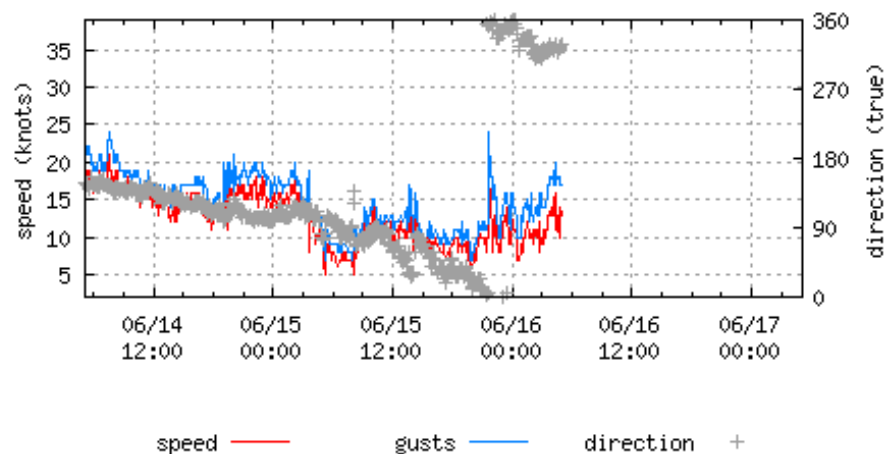
NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 06/16/2015 04:54 (CDT). Data relative to MHHW
Observed: 1.89 ft. Predicted: 0.09 ft. Residual: 1.80 ft.
Historical Maximum Water Level: Sep 13 2008, 3.98 ft.
Next High Tide: 06/16/2015 05:56 (CDT), 0.14 ft.

NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX

Wind Speed / Gusts / Direction

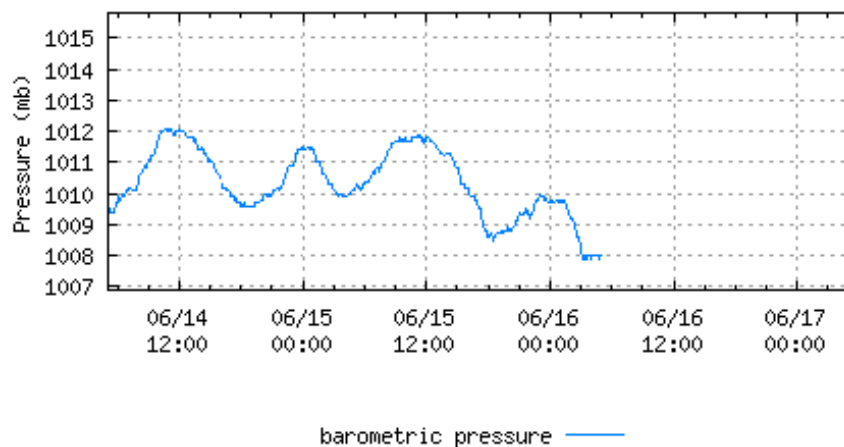


Last Observed Sample: 06/16/2015 04:54 (CDT)

Wind Speed: 13 knots Gusts: 17 knots Direction: 328° T

NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX

Barometric Pressure



Last Observed Sample: 06/16/2015 04:54 (CDT)

Barometric Pressure: 1008.0 mb

Tropical Storm BILL QuickLook, POSTED 05:00 CDT 06/16/2015

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8772447	USCG Freeport, TX	06/16/2015 04:54 (CDT)	2.74 ft	0.13 ft	2.61 ft	2.80 ft
8771450	Galveston Pier 21, TX	06/16/2015 04:54 (CDT)	2.44 ft	0.02 ft	2.42 ft	2.44 ft
8770613	Morgans Point, TX	06/16/2015 05:00 (CDT)	1.44 ft	-1.21 ft	2.65 ft	1.57 ft
8770570	Sabine Pass North, TX	06/16/2015 05:00 (CDT)	2.06 ft	0.24 ft	1.82 ft	2.17 ft
8768094	Calcasieu Pass, LA	06/16/2015 05:00 (CDT)	1.73 ft	0.26 ft	1.47 ft	1.73 ft
8773701	Port O'Connor (TCOON), TX	06/16/2015 04:54 (CDT)	1.23 ft	-0.57 ft	1.80 ft	1.26 ft
8774770	Rockport, TX	06/16/2015 04:54 (CDT)	0.97 ft	-0.26 ft	1.23 ft	1.01 ft
8775870	Bob Hall Pier, Corpus Christi, TX	06/16/2015 04:54 (CDT)	1.89 ft	0.09 ft	1.80 ft	1.99 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce